

# Medical Intelligence In Health Service Support Operations



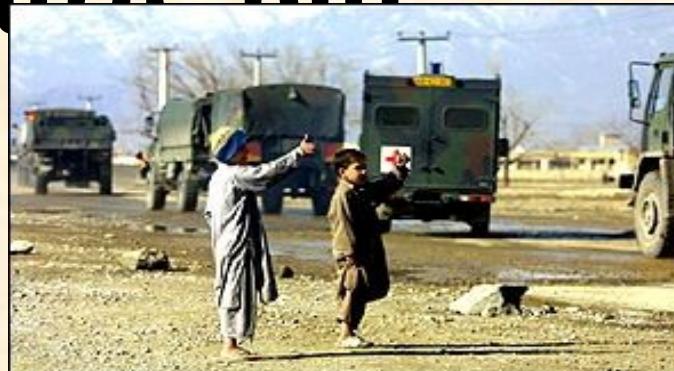
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# **Agenda**

- MEDICAL INTELLIGENCE DEFINED
- PURPOSE OF MEDICAL INTELLIGENCE
- APPLICATIONS OF MEDICAL INTELLIGENCE
- SIGNIFICANCE OF MEDINT TO THE COMMANDER
- ASPECTS OF MEDICAL INTELLIGENCE
- PLANNING CONSIDERATIONS
- AFMIC
- “SO YOU WANNA BE A MEDICAL SPOOK??”
- SUMMARY and Q&A



“The challenges the Nation faces do not loom in the distant future but are here”



# *21st Century Environment*

**Major Theater War**



**Weapons Proliferation**



**Weapons of Mass Destruction**



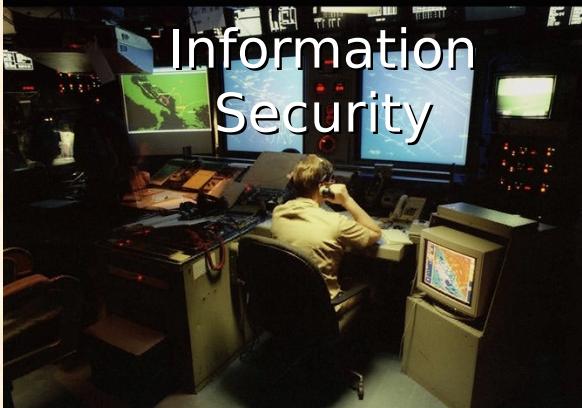
**The Future Is Now!**



**Stability Operations**



**International Drug Trade**



**Terrorism**



# **Medical Intelligence in Health Service Support Operations**

## **Medical Intelligence Defined:**

***“That category of intelligence resulting from the Collection, evaluation, analysis, and interpretation of Foreign medical, bio-scientific, and environmental Information that is of interest to strategic planning And to military medical planning and operations”***

# Gratuitous “cool pictures” slide...



# **Medical Intelligence in Health Service Support Operations**

## **Purpose of Medical Intelligence -**

**MEDINT is intended to HSS Ops/Planning Staffs with**

- Guidance for understanding, acquiring, utilizing and applying intelligence in HSS operations**
- Essential information necessary to formulate strategic, operational, and tactical plans**

# Even more “cool pictures...”



# **Medical Intelligence in Health Service Support Operations**

## **Applications of MEDINT:**

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- **HSS Operations**
- **Medical Threat Analysis and Management**
- **Threat-based Concept Development**
- **Medical Research and Doctrine Development**

# **Medical Intelligence in Health Service Support Operations**

## **Significance of MEDINT to the Commander -**

- Preventing/reducing DNBI casualties through the foreknowledge of militarily significant diseases, poisonous and venomous flora and fauna, and health-threatening environmental conditions
- Reducing the severity of battle casualties by means through the foreknowledge of enemy weapons capabilities, employment doctrine, and wounding characteristics

# Army “cool pictures”



## **Medical Intelligence in Health Service Support Operations**

### **Significance of MEDINT to the Commander - (Cont.)**

- **Decreasing the total number of WIA and KIA through medical means by using threat-based concept development**
- **Increasing successful return to duty of personnel**
- **Improving existing medical support systems and RDT&E of new medical and human factors engineering systems tailored to existing and future threats**
- **Improving casualty modeling and projections**

# **Medical Intelligence in Health Service Support Operations**

## **Aspects of Medical Intelligence -**

- 1) Endemic or epidemic diseases, public health standards and capabilities, and the quality and availability of health services**
- 2) Medical supplies, medical services, medical treatment facilities, and the number of trained personnel**
- 3) Location-specific diseases, strains of bacteria, insects, harmful vegetation, snakes, fungi, sponges and other harmful organisms**

## **Medical Intelligence in Health Service Support Operations**

### **Aspects of Medical Intelligence - (Cont.'d)**

- 4) Foreign animal and plant diseases, especially those diseases transmissible to humans**
- 5) Health problems relating to the use of local food supplies**
- 6) Medical effects of and prophylaxis against chemical and biological agents and radiation**
- 7) The impact of newly developed foreign weapons systems as they relate to casualty production**

# Navy “cool pictures...”



## **Medical Intelligence in Health Service Support Operations**

### **Aspects of Medical Intelligence - (Cont.'d)**

- 8) An enemy force related to its state of health and fitness or its use of special antidotes**
  
- 9) Environmental factors in an area of operations such as altitude, heat, cold, and swamps that in some way may affect the health of the command or HSS operations**

# **Medical Intelligence in Health Service Support Operations**

## **Planning Considerations -**

- **Terrain Analysis**
- **Weather Analysis**
- **Threat Evaluation (EOB, Weapons Capabilities, Civilian Population and Enemy Prisoners of War)**
- **Flora and Fauna**
- **Disease Threats**
- **Availability of Local Resources (e.g., Medical Facilities, Equipment, Personnel)**
- **NBC/Asymmetrical Threats**

# **Medical Intelligence in Health Service Support Operations**

**The Source of all things good on MEDINT??**

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**The Armed Forces Medical Intelligence Center (AFMIC)**

- The Defense Intelligence Agency's (DIA) central repository of medically-related intelligence
- Joint Agency located at Fort Detrick, MD
- 24-hour service supporting all DoD Agencies (and many non-DoD entities within the U.S. government seeking information on medical concerns)

# Air Force “cool pictures...”



# **Medical Intelligence in Health Service Support Operations**

## **AFMIC Products -**

- **Medical Capabilities Studies** - Finished intelligence studies prepared on foreign countries
  - **Environmental Health Factors**
  - **Diseases**
  - **Civilian Health Services**
  - **Military Health Services**
- **Disease Occurrence World Wide (DOWW)**
- **Scientific and Technical Intelligence Studies**

# **Medical Intelligence in Health Service Support Operations**

## **AFMIC Products - (Cont.'d)**

- **Medical Facilities World Wide**
- **Information on Asymmetrical Threats**
- **Products by region, CINC, or subject**

***Leveraging Web-based Technology -***

**Main Portal into AFMIC is their Website...**

# Now what's the future Governor of California doing in a MEDCO ?



# **Medical Intelligence in Health Service Support Operations**

## **Contacting AFMIC**

- **Unclassified Web Site:**  
**<http://mic.afmic.detrick.army.mil>**
- **SECRET (GCCS) Web Site:**  
**<http://www.dia.smil.mil/intel/afmic/afmic.html>**
- **SCI (JWICS) Web Site:**  
**<http://www.dia.ic.gov/intel/afmic/afmic.html>**
- **DSN 343-7574, COMM (301) 619-7574**

## **Medical Intelligence in Health Service Support Operations**

### **"So You Want to Be a Medical Spook??"**

**Careful....!!**

**Big, HUGE difference between “Directed Collections” And “Passive Collections”**

**By law, only specific sections of the “National Intelligence Community” may conduct “Directed Collections” of Intelligence Material**

**But the MEDIC’s can do plenty of “Passive Collections”**

# **Medical Intelligence in Health Service Support Operations**

## **Summary**

- **Medical Intelligence is critical to the HSS Planning**
- **HSS Planning is critical to the success of an operation**
  - **Adequate HSS = Force Sustainment = Successful Achievement of National Security Objectives**
- **Be sure to cover all the bases; failure to conduct MEDINT assessments may lead to critical mission failures**
- **MEDINT has to be assessed prior to building executable**
- **We're all collectors; understand your role, operational requirements, and obtain "information" for DIA Database**
- **Exercise caution with "Directed Collection" when functioning in the operational environment**

# Questions??

